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SMY-110.01

Attorney Docket No.

UTILITY PATENT APPLICATION TRANSMITTAL

First Inventor	Detlefs	S. P.	
Title	Garbage-First Garbage Collection) 06	
Express Mail Label No.	EV327706033US	82	

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

See MPEP	APPLICATION ELEMENTS P chapter 600 concerning utility patent application contents.						ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450				
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) 2. Applicant claims small entity status. See 37 CFR 1.27. 3. Specification [Total Pages 58] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table.					s 58]	8. Nuc <i>(if a_l</i> a.	Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a.				
	or a computer p Background of	rogram listin	g appendi:				ACCOMPANYING APPLICATIONS PARTS				
- - -	Brief Summary Brief Descriptio Detailed Descri Claim(s)	of the Invent n of the Drav ption	ion	led)		9. 🛭 10. 🗌	` ` ` `				
	Abstract of the	Disclosure				11.	English T	ranslation Doo	cument (if applicable)		
	Drawing(s) (35 Declaration	U.S.C.113	_	al Sheet al Sheet		12.	Statemen	on Disclosure at (IDS)/PTO-1			
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i. [DELETION				completeu)	15. 🔲	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)				
	Signed statem named in the 1.63(d)(2) and	ent attached prior applicat	deleting i	nventor(s)	16. 🖾					
6. Application Data Sheet. See 37 CFR 1.76						17. 🛭	amounts of \$1536 and \$40				
					ox, and suppl	y the requisi	te informatio	n below and in	a preliminary amendment,		
or in an App ☐ Conti	o <i>lication Data</i> S inuation	heet under Division			inuation-in-pa	rt (CIP)	of n	rior application N	lo: /		
Prior app	plication informa	tion:	Examiner		•	` ,	Art	Unit:			
is considered	d a part of the di	sclosure of t	he accomi	oanving o	r divisional ac	plication and	is hereby inc	hich an oath or d corporated by ref	eclaration is supplied under Box 5b, erence. The incorporation can only		
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⊠ Custon	mer Number				25′	101		OR 🗆 (Correspondence address below		
Name											
Address											
City					Γ	T					
					State			Zip Code			
Country				Teleph	one			Fax			
Name (Print/	Туре)	Joseph H.	Born /	7		Registration N	io. (Attorney/	Agent)	28,283		
Signature			1.16				-	Date	March 12, 2004		

This collection of information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application. Commissioner for Patents P.O. Box 1450, Alexandria VA 22313-1450. Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Certificate of Expresss Mailing under 37 CFR 1.10

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Shirine Darvish

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Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Utility Patent Application Transmittal (1 pg.); Fee Transmittal (1 pg.); Utility Patent Application consisting of Specification (58 pgs.) and Drawings (19 sheets); Executed Declaration for Patent Application (3 pgs.); Application Data Sheet (3 pgs.); Recordation Form Cover Sheet (1 pg.); Executed Assignment (2 pgs.); Return Receipt Postcard (1 pg.); Nonpublication Request (1 pg.); Certificate of Express Mailing (1 pg.); Check in the amount of \$1536.00 (1 pg.); Check in the amount of \$40.00 (1 pg.).

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

1576

Complete if Known				
Application Number	Not yet assigned			
Filing Date	March 12, 2004			
First Named Inventor	Detlefs et al.			
Examiner Name	Not yet assigned			
Art Unit	Not yet assigned			
Attorney Docket No.	SMY-110.01			

METHOD OF PAYMENT (check all that apply)									FEE C	ALCULATION (continued)		
					3. ADDITIONAL FEES							
☑ Check ☐ Credit card ☐ Money ☐ Other ☐ None Order				Large Entity Small Entity								
Deposit Account:				Large	Entity	Small	ntity					
					Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid		
Dopoon.				1051	130	2051	65	Surcharge - late filing fee or oath				
Number						1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.		
Deposit							1053	130	1053	130	Non-English specification	
Account Foley Hoag LLP Name						1812	2,520	1812	2,520	For filing a request for reexamination		
The Director	ا is au	thorized to	o: (che	eck all that ap	pply)		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
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Charge fee	e(s) in	dicated be	low, e	xcept for the	filing fee		1251	110	2251	55	Extension for reply within first month	
to the above-i	identir			CULATION			1252	420	2252	210	Extension for reply within second month	
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1001 770		001 385	1 111	ility filing fee	77		1401	330	2401	165	Notice of Appeal	
1002 340		002 170		esign filing fee			1402	330	2402	165	Filing a brief in support of an appeal	
1003 530		03 265		ant filing fee	-	-	1403	290	2403	145	Request for oral hearing	-
1004 770	20	004 385	Re	eissue filing fe			1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1005 160	20	05 80	Pro	ovisional filling	tee		1452	110	2452	55	Petition to revive – unavoidable	\vdash
		SUBTO	OTAL (1)	(<u>\$</u>)	770	1453	1,330	2453	665	Petition to revive – unintentional	\vdash
							1501	1,330	2501	665	Utility issue fee (or reissue)	
2. EXTRA C	CLAII	M FEES					1502	480	2502	240	Design issue fee	
			_		ee from	Fee	1503	640	2503	320	Plant issue fee	<u> </u>
Total Claims	53	-20 **		3 X	elow 18 =	Paid 594	1460	130	1460	130	Petitions to the Commissioner	
Independent		=	_ <u> </u>	***			1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
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Fee Fe		Fee Code	Fee (\$)	Fee Descri	<u>ption</u>		1809	770	2809	385	Filing a submission after final rejection	
1202 18		2202	9	Claims in ex	rees of 20		1810	770	2810	385	(37 CFR § 1.129(a)) For each additional invention to be	
1201 86	- 1	2201	43		t claims in exc	ess of 3	1010	,. ,	2010	000	examined (37 CFR § 1.129(b))	
1203 29	90	2203	145	•	endent claim,		1801	770	2801	385	Request for Continued Examination (RCE)	
1204 86	6	2204	43	** Reissue i original pate	ndependent cla	aims over	1802	900	1802	900	Request for expedited examination	\vdash
1205 18	1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent											
			SUB	STOTAL (2)	(\$) 766			e (specif				
*Re **or number previously paid, if greater; For Reissues, see above					*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40							
**or number j	previou	usly paid, if g	reater;	For Reissues,	see above							

SUBMITTED BY Complete (if applicable)					
Name (Print/Type)	Jøseph H. Born	Registration No. (Attorney/Agent)	28,283	Telephone	(617) 832-1134
Signature	Jan Ka			Date	March 12, 2004

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NONPUBLICATION REQUEST
UNDER
35 U.S.C. 122(b)(2)(B)(i)

First N	lamed Inventor	Detlefs			
Title	Garbage-First G	arbage Collection			
Atty D	ocket Number	SMY-110.01			

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

March 12, 2004

Date

Joseph H. Born, Reg. No. 28,283

617-832-1134, 617-832-3558

Typed or printed name

Telephone number

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.